

Amendments to the Claims

This listing of claims will replace all prior versions, and listings of claims in the application.

1-116. (Canceled)

117. (Currently amended) An isolated polynucleotide ~~probe~~ consisting of at least 150 contiguous nucleotides of SEQ ID NO:1.

118. (Previously presented) The polynucleotide of claim 117, further comprising a heterologous polynucleotide.

119. (Previously presented) A vector comprising the polynucleotide of claim 117.

120. (Previously presented) An isolated host cell comprising the polynucleotide of claim 117.

121. (Previously presented) The isolated host cell of claim 120, wherein said polynucleotide is operably associated with a heterologous regulatory sequence.

122. (Previously presented) An isolated polynucleotide which encodes a polypeptide consisting of at least 30 contiguous amino acids of SEQ ID NO:2.

123. (Previously presented) The polynucleotide of claim 122, ligated to a heterologous polynucleotide.
124. (Previously presented) A vector comprising the polynucleotide of claim 122.
125. (Previously presented) An isolated host cell comprising the polynucleotide of claim 122.
126. (Previously presented) The isolated host cell of claim 125, wherein said polynucleotide is operably associated with a heterologous regulatory sequence.
127. (Previously presented) A method of producing a polypeptide consisting of at least 30 contiguous amino acids of SEQ ID NO:2, comprising culturing the isolated host cell of claim 126 under conditions such that said polypeptide is expressed, and recovering said polypeptide.
128. (Previously presented) The polynucleotide of claim 122, which encodes a polypeptide consisting of at least 50 contiguous amino acids of SEQ ID NO:2.
129. (Previously presented) The polynucleotide of claim 128, ligated to a heterologous polynucleotide.

130. (Previously presented) A vector comprising the polynucleotide of claim 128.

131. (Previously presented) An isolated host cell comprising the polynucleotide of claim 128.

132. (Previously presented) The isolated host cell of claim 131, wherein said polynucleotide is operably associated with a heterologous regulatory sequence.

133. (Previously presented) A method of producing a polypeptide consisting of at least 50 contiguous amino acids of SEQ ID NO:2, comprising culturing the isolated host cell of claim 132 under conditions such that said polypeptide is expressed, and recovering said polypeptide.

134. (Canceled)

135. (Canceled)

136. (Canceled)

137. (Canceled)

138. (Canceled)

139. (Canceled)

140. (Canceled)

141. (Previously presented) An isolated polynucleotide comprising a nucleic acid which encodes amino acids 2 to 342 of SEQ ID NO:2.

142. (Previously presented) The polynucleotide of claim 141, wherein said nucleic acid comprises nucleotides 229-1251 of SEQ ID NO:1.

143. (Previously presented) The polynucleotide of claim 141, further comprising a heterologous polynucleotide.

144. (Previously presented) A vector comprising the polynucleotide of claim 141.

145. (Previously presented) An isolated host cell comprising the polynucleotide of claim 141.

146. (Previously presented) The isolated host cell of claim 145, wherein said polynucleotide is operably associated with a heterologous regulatory sequence.

147. (Previously presented) A method of producing a polypeptide comprising amino acids 2 to 342 of SEQ ID NO:2, comprising culturing the isolated host cell of claim 146 under conditions such that said polypeptide is expressed, and recovering said polypeptide.

148. (Canceled)

149. (Canceled)

150. (Canceled)

151. (Canceled)

152. (Canceled)

153. (Canceled)

154. (Canceled)

155. (Previously presented) An isolated polynucleotide comprising a nucleic acid which encodes amino acids 1 to 342 of SEQ ID NO:2.

156. (Previously presented) The polynucleotide of claim 155, wherein said nucleic acid comprises nucleotides 226-1251 of SEQ ID NO:1.

157. (Previously presented) The polynucleotide of claim 155, further comprising a heterologous polynucleotide.

158. (Previously presented) A vector comprising the polynucleotide of claim 155.

159. (Previously presented) An isolated host cell comprising the polynucleotide of claim 155.

160. (Previously presented) The isolated host cell of claim 159, wherein said polynucleotide is operably associated with a heterologous regulatory sequence.

161. (Previously presented) A method of producing a polypeptide comprising amino acids 1 to 342 of SEQ ID NO:2, comprising culturing the isolated host cell of claim 160 under conditions such that said polypeptide is expressed, and recovering said polypeptide.

162. (Previously presented) An isolated polynucleotide which encodes a polypeptide consisting of at least 30 contiguous amino acids encoded by the cDNA contained in ATCC deposit No. 209003.

163. (Previously presented) The polynucleotide of claim 162, ligated to a heterologous polynucleotide.
164. (Previously presented) A vector comprising the polynucleotide of claim 162.
165. (Previously presented) An isolated host cell comprising the polynucleotide of claim 162.
166. (Previously presented) The isolated host cell of claim 165, wherein said polynucleotide is operably associated with a heterologous regulatory sequence.
167. (Previously presented) A method of producing a polypeptide consisting of at least 30 contiguous amino acids encoded by the cDNA contained in ATCC deposit No. 209003, comprising culturing the isolated host cell of claim 166 under conditions such that said polypeptide is expressed, and recovering said polypeptide.
168. (Previously presented) The polynucleotide of claim 162, wherein said polynucleotide encodes a polypeptide consisting of at least 50 contiguous amino acids encoded by the cDNA contained in ATCC deposit No. 209003.

169. (Previously presented) The polynucleotide of claim 168, ligated to a heterologous polynucleotide.

170. (Previously presented) A vector comprising the polynucleotide of claim 168.

171. (Previously presented) An isolated host cell comprising the polynucleotide of claim 168.

172. (Previously presented) The isolated host cell of claim 171, wherein said polynucleotide is operably associated with a heterologous regulatory sequence.

173. (Previously presented) A method of producing a polypeptide consisting of at least 50 contiguous amino acids encoded by the cDNA contained in ATCC deposit No. 209003, comprising culturing the isolated host cell of claim 172 under conditions such that said polypeptide is expressed, and recovering said polypeptide.

174. (Previously presented) An isolated polynucleotide comprising a nucleic acid which encodes the polypeptide encoded by the human cDNA of ATCC deposit No.209003.

175. (Previously presented) The polynucleotide of claim 174, further comprising a heterologous polynucleotide.

176. (Previously presented) A vector comprising the polynucleotide of claim 174.

177. (Previously presented) An isolated host cell comprising the polynucleotide of claim 174.

178. (Previously presented) The isolated host cell of claim 177, wherein said polynucleotide is operably associated with a heterologous regulatory sequence.

179. (Previously presented) A method of producing a polypeptide encoded by the cDNA contained in ATCC deposit No. 209003, comprising culturing the isolated host cell of claim 178 under conditions such that said polypeptide is expressed, and recovering said polypeptide.